

Converting Colors

CIELCh(70, 13.388, 143.789)

Have a look what the booklet for
CIELCh(70, 13.388, 143.789)
contains.

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Color

CIELCh(70, 13.388, 143.789)

Conversions

Conversions Part 1

Format	Color
Hex	9CB09C
RGB	156, 176, 156
RGB Percent	61%, 69%, 61%
CMY	0.3865, 0.3081, 0.3865
CMYK	0.11, 0.00, 0.11, 0.31
HSL	120°, 11%, 65%
HSV	120°, 11%, 69%
XYZ	35.4429, 40.7494, 37.6412
YIQ	167.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

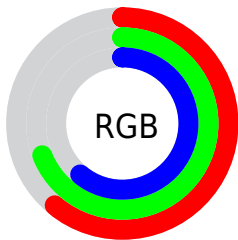
Format	Color
RYB	156, 176, 176
Decimal	10268828
CIELab	70.00, -10.80, 7.91
CIELCh	70, 13.388, 143.789
Yxy	40.7494, 0.3114, 0.3580
Android (android.graphics.Color)	4288458908 (0xFF9CB09C)
YUV	167.7400, -5.7878, -10.2960
Hunter-Lab	63.8353, -12.6042, 9.7237

Details

The CIELCh color **70, 13.388, 143.789** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 13.407, 325.036**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.764, 142.715**, and **50, 12.883, 143.599** is the 20% darker color. If you saturate the color by 10%, you get **68, 25.290, 143.080**, and if you desaturate by 10%, it is **72, 1.566, 144.518**.

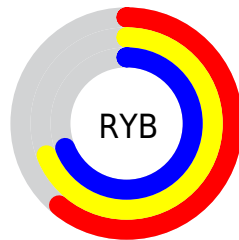
Distribution



Red (61%)

Green (69%)

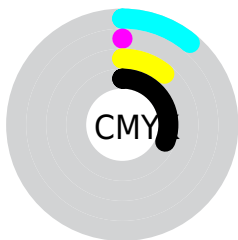
Blue (61%)



Red (61%)

Yellow (69%)

Blue (69%)

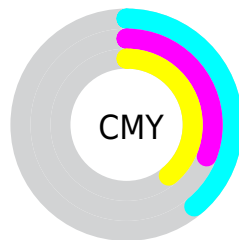


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (39%)


Magenta (31%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.388, 143.789 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 13.388, 143.789 by changing the saturation by 10% instead.


 70, 13.388,
143.789


 70, 13.388,
143.789


 100, 13.388,
143.789


 60, 13.388,
143.789


 90, 13.388,
143.789

 50, 13.388,
143.789

 40, 13.388,
143.789

 30, 13.388,
143.789

 20, 13.388,
143.789

 10, 13.388,
143.789

 0, 13.388, 143.789

70, 13.388,
143.789

70, 13.388,
143.789

68, 25.290,
143.080

72, 1.566, 144.518

67, 37.096,
142.260

74, 10.059,
324.849

66, 48.577,
141.321

76, 21.404,
325.288

65, 59.440,
140.273

78, 32.419,
325.654

64, 69.321,
139.156

80, 43.078,
325.963


63, 77.786,
138.050

82, 49.159,
326.123

63, 84.369,
137.080

63, 88.673,

136.387

 63, 90.866,
136.016

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 13.388, 143.789



67, 13.407, 325.036

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 13.388, 143.789



70, 13.388, 193.789



70, 13.388, 323.789



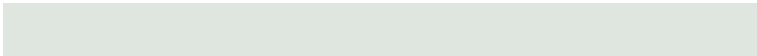
70, 13.388, 13.789

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 13.390, 143.789



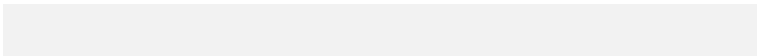
90, 4.353, 144.338



71, 10.673, 108.414



48, 3.300, 144.280



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 13.390, 143.789



88, 20.498, 143.594



70, 9.435, 161.871



37, 6.740, 143.921



55, 81.803, 136.016



6, 16.259, 144.442

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 13.407, 325.036



83, 20.520, 325.197



67, 9.564, 343.655



35, 6.751, 324.924



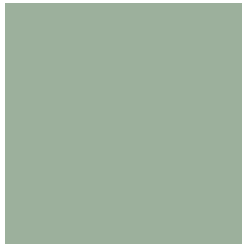
36, 78.927, 328.231



3, 16.262, 324.438

Previews

White Background



This preview shows how the CIELCh color 70, 13.388, 143.789 looks on a white background.

Color Contrast Check

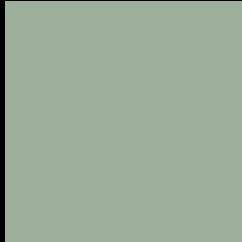
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 13.388, 143.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

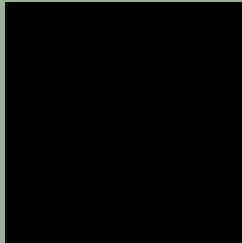
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

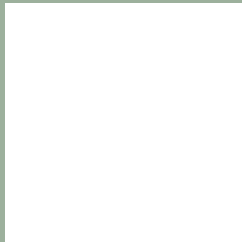
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 13.388, 143.789

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.388, 143.789.

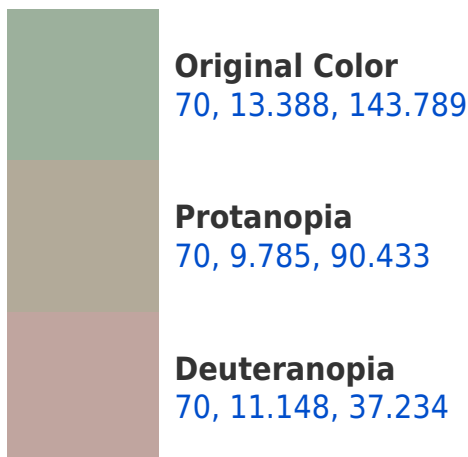


This preview shows how white text looks on a background with the CIELCh color 70, 13.388, 143.789.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
70, 8.535, 263.497

Trichromacy



Original Color
70, 13.388, 143.789

Protanomaly
70, 9.847, 113.724

Deuteranomaly
70, 7.151, 76.468

Tritanomaly
70, 5.515, 204.749

Monochromacy



Original Color
70, 13.388, 143.789

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.683, 144.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.388, 143.789 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.388, 143.789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 176, 156) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 176, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.388, 143.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
176, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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